

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1-19. **(Cancelled)**

20. **(Currently amended)** A golf mat Artificial turf, comprising:
 - a substrate; and
 - a plurality of fibers protruding from the substrate, wherein at least some of the fibers comprise a polymer that responds to an elastic elongation by changing from a relaxed color to an elongated color, the relaxed color and the elongated color being visually distinguishable.
21. **(Currently amended)** The golf mat artificial turf of claim 20 wherein at least some of the fibers comprise poly(diacetylene).
22. **(Currently amended)** The golf mat artificial turf of claim 21 wherein at least some of the fibers are composed of poly(diacetylene).
23. **(Currently amended)** The golf mat artificial turf of claim 21 wherein at least some of the fibers comprise a coating of poly(diacetylene) surrounding a core of a different material.
24. **(Currently amended)** The golf mat artificial turf of claim 20, further comprising indicia for determining the position of a golf ball.
25. **(Cancelled)**

26. (New) A golf mat, comprising:
 - a substrate; and
 - a plurality of fibers protruding from the substrate, wherein the fibers respond to impact with a golf club head by changing from a first color to a second color, the first and second colors being visually distinguishable, and wherein the fibers do not produce the same color change in response to an environmental change in temperature.
27. (New) The golf mat of claim 26 wherein the fibers include a chromogen that is not coated on the surface of the fibers.
28. (New) The golf mat of claim 27 wherein the chromogen is a stress chromic.
29. (New) The golf mat of claim 27 wherein the chromogen is a thermochromic.
30. (New) The golf mat of claim 27 wherein the chromogen is both stress chromic and thermochromic.
31. (New) The golf mat of claim 27 wherein the chromogen is polymeric.